

CSCI-230 Scripting Languages
Course Syllabus
Fall 2017

Course Description

Scripting languages are regularly used in server environments to automate tasks. This course introduces the student to the Linux operating system, which is often used in enterprise servers. Students learn how to write scripts to automate tasks using the Unix shell and other scripting languages such as Perl, Python and Ruby. Regular expressions and their use with common Unix commands such as grep, sed and awk/gawk are discussed. Process control, file systems, redirection, pipes and scheduling tasks with cron are also discussed.

Instructor

Eric McGregor, Ph.D.
Office: McKinney Center, Room 220
Office Hours: M,W,Th (2pm–4 pm), Tu (2pm–3 pm)

Email: rmcgregor@bridgewater.edu
Phone: 540.828.5754

Meeting Times

Lectures: Tuesday and Thursday, 11:00 a.m. – 12:15 p.m. in McKinney 226

Required Text

Automate the Boring Stuff with Python, Practical Programming for Total Beginners
by Al Sweigart
ISBN: 978-1-59327-599-0

Exam Schedule

Midterm 1 Thursday, October 5
Midterm 2 Tuesday, November 7
Final Exam TBD

Grading

You will be evaluated on select course assignments, 2 midterm exams, and a comprehensive final exam. All exams will be closed note and closed book and the final exam will be comprehensive.

Final numeric grades are based on the following percentages:

	Percent of Final Grade
Course Assignments	25
Midterm 1	25
Midterm 2	25
Final Exam	25
Total	100

Additional Documents

This syllabus is accompanied by a document titled 'Course and Classroom Policies, Fall 2017'. If you did not receive this document please ask your instructor for a copy.